

***Overview of the DON XML
Vision, Policy, and
Governance***

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Vision

“The Department of the Navy will fully exploit Extensible Markup Language as an enabling technology to achieve interoperability in support of maritime information superiority.”

**—Signed by DON CIO
15 March 2002**

Vision: Moving Forward w/ Initiatives

- **The DON is establishing XML based protocols as enterprise-wide standards**
 - Identify, adopt, & use a single set enterprise-wide
 - Enhanced interoperability
 - Established DON XML registry
- **Initial DON XML policy signed Sept 2001**
- **Formal DON policy issued Dec 2002**
 - 1st comprehensive formal XML policy issued in DoD
 - Significantly more detailed direction
 - Establishes DON CIO as the governance

DON XML Policy Establishes

- **Active involvement in Voluntary Consensus Standards (VCS) bodies**
 - Key to achieving interoperability
 - W3C, OASIS, ISO, IETF, other
- **DON XML Working Group**
 - Define governance, policy, and guidance structure
 - Establish governance councils
 - Issue policy and guidance documents
- **DON XML Developer's Guide**
 - Use of XML specifications, component selection/creation, schema design, and naming conventions

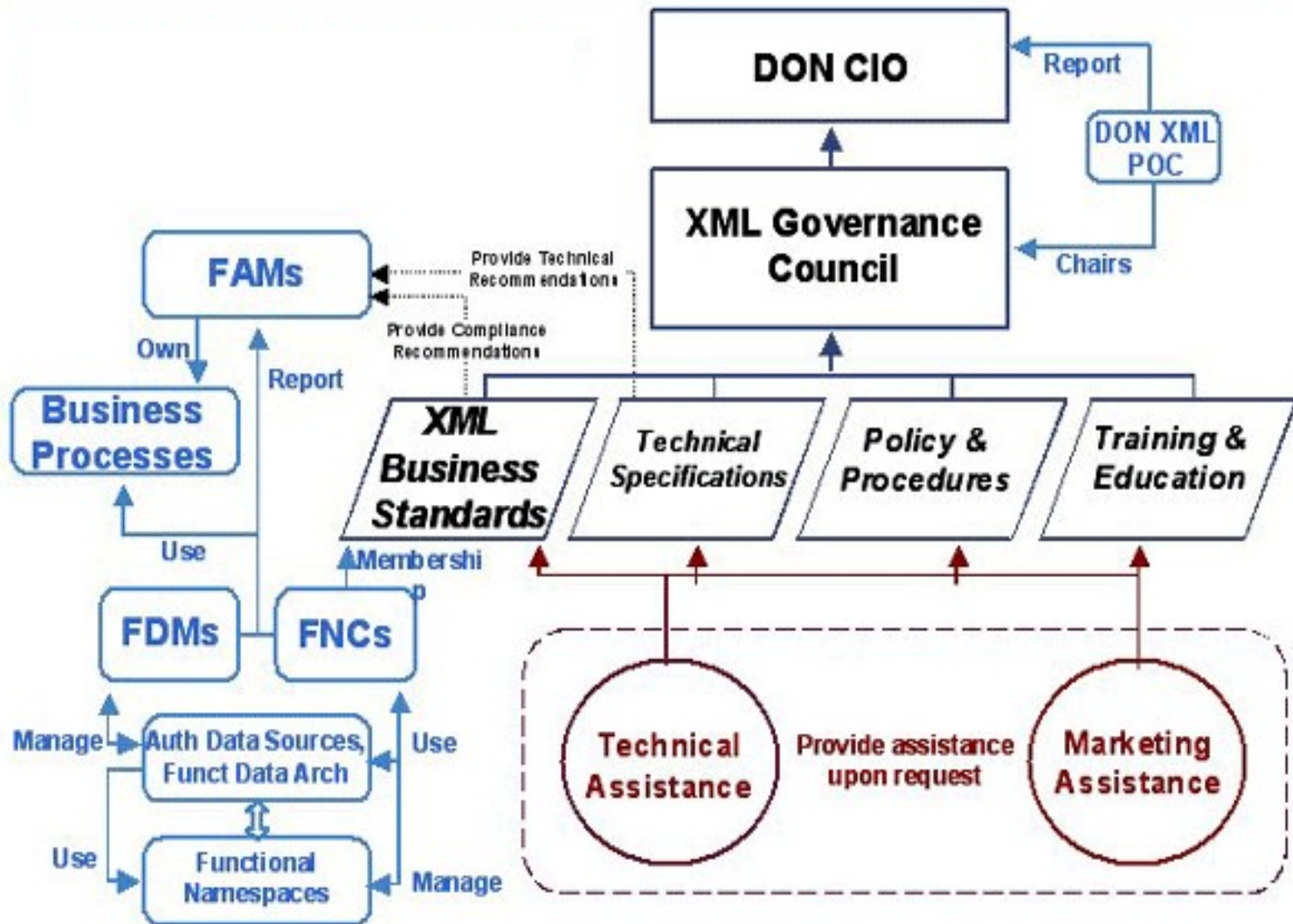
Governance Structure Purpose

- **Enables proper implementation of policy**
- **Ensures maximum interoperability**
- **Supports user needs while maintaining necessary elements of coordination and control**
- **Fosters coordination and cooperation between all DON players involved in XML**
- **Encourages the use of XML in joint applications**

Governance Structure Functions

- **Communication and resolution of XML issues within DON**
- **Coordinate incorporation of DON XML implementation into DON requirements, budgeting and acquisition processes**
- **Oversight of DON XML implementation (enforcement)**
- **Interface with external organizations/activities on XML strategy**
- **Carry out or delegate other duties as required to achieve vision and**

DON XML Governance Structure



Established Councils

➤ **Business Standards Council (BSC)**

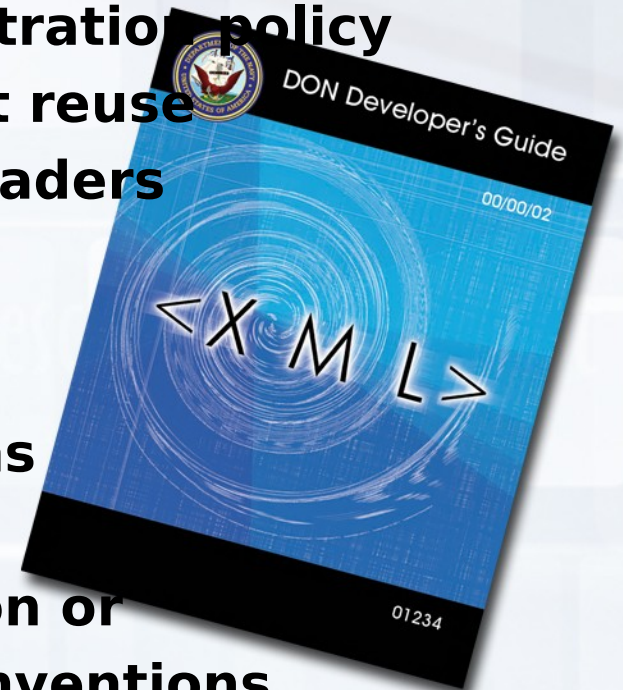
- **Chartered by DON CIO Apr 21, 2003**
- **Functional Namespace Coordinators (FNC) are primary membership**
- **Responsible for:**
 - **Coordinating and harmonizing XML components across 23 functional areas**
 - **Coordinate involvement in business standards VCSs**
 - **Providing business standards guidance to FAMs**

➤ **Technical Standards Council (TSC)**

- **Under development (planned for Oct 2003)**
- **Responsible for:**
 - **Maintain list of DON approved XML technical specifications**
 - **Provide technical guidance to FAMs and DON XML developers**

DON XML Developer's Guide

- **Version 1.1: Published May 2002**
- **Establishes policy for developers of DON XML initiatives on:**
 - **Precedence order (VCSs, Federal, DOD, DON)**
 - **Adherence to DOD registration policy**
 - **Existing XML component reuse**
 - **The roles of DON XML leaders**
- **Provides development guidance on:**
 - **Use of XML specifications**
 - **XML Schema design**
 - **XML component selection or creation and naming conventions**



Thank You!

Questions?

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